



COPY OF PAPERS
ORIGINALLY FILED

3642_Sequence_Listing.txt

Sequence Listing

<110> Syngene Gesellschaft zur Erforschung und Entwicklung
auf dem Gebiet der Biotechnologie mbH

<120> Peptides for the Production of Preparations
for the Diagnosis and Therapy of Autoimmune Diseases

<130> 3642

<140> US Serial Number 09/988,165

<141> 11/19/2001

<150> US Serial Number 07/946,180

<151> 09/16/1992

<160> 31

<210> 1

<211> 25

<212> PRT

<213> human

<400> 1

Lys Pro Lys Ala Ala Lys Pro Lys Ala Ala Lys Pro Lys Ala Ala
1 5 10 15
Lys Pro Lys Lys Ala Ala Pro Lys Lys Lys
20 25

<210> 2

<211> 25

<212> PRT

<213> human

<400> 2

Lys Pro Lys Ala Ala Lys Ala Arg Val Thr Lys Pro Lys Thr Ala
1 5 10 15
Lys Pro Lys Lys Ala Ala Pro Lys Lys Lys
20 25

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<210> 3

<211> 25

<212> PRT

<213> human

<400> 3

Ala Ala Lys Ala Val Lys Pro Lys Ala Ala Lys Pro Lys Val Val
 1 5 10 15
 Lys Pro Lys Lys Ala Ala Pro Lys Lys Lys
 20 25

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<211> 25

<212> PRT

<213> human

<400> 4

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 1 5 10 15
 Lys Ala Lys Lys Ala Ala Pro Lys Lys Lys
 20 25

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<211> 25

<212> PRT

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<400> 5

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Lys Pro Lys Ala Ala Lys Pro Lys Ala Ala Lys Pro Lys Ala Ala
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Lys Ala Lys Lys Ala Ala Ala Lys Lys Lys
20 25

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<212> PRT

<213> human

<400> 7

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Lys Pro Lys Ala Lys Lys Ala Ala Ala Lys Lys Ala
20 25

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<211> 35

<212> PRT

<213> human

<400> 8

Pro Glu Pro Ala Lys Ser Ala Pro Ala Pro Lys Lys Gly Ser Lys
1 5 10 15

Lys Ala Val Thr Lys Ala Gln Lys Lys Asp Gly Lys Lys Arg Lys
20 25 30

Arg Ser Glu Lys Glu
35

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<211> 41

<212> PRT

<213> human

<400> 9

Ser Tyr Ser Val Tyr Val Tyr Lys Val Leu Lys Gln Val His Pro
1 5 10 15

Asp Thr Gly Ile Ser Ser Lys Ala Met Gly Ile Met Asn Ser Phe
20 25 30

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Val Asn Asp Ile Phe Glu Arg Ile Ala Gly Glu
 35 40

<210> 10

<211> 27

<212> PRT

<213> bovine

<400> 10

Ala Pro Ala Ala Pro Ala Ala Ala Pro Pro Ala Glu Lys Thr Pro
 1 5 10 15

Val Lys Lys Lys Ala Ala Lys Lys Pro Ala Gly Ala
 20 25

<210> 11

<211> 21

<212> PRT

<213> bovine

<400> 11

Arg Ser Gly Val Ser Leu Ala Ala Leu Lys Lys Ala Leu Ala Ala
 1 5 10 15

Ala Gly Tyr Asp Val Glu
 20

<210> 12

<211> 20

<212> PRT

<213> bovine

<400> 12

Thr Lys Gly Thr Gly Ala Ser Gly Ser Phe Lys Leu Asn Lys Lys
 1 5 10 15

Ala Ala Ser Gly Glu
 20

<210> 13

<211> 41

3642_Sequence_Listing.txt

<212> PRT

<213> bovine

<400> 13

Lys Asn Asn Ser Arg Ile Lys Leu Gly Leu Lys Ser Leu Val Ser
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 Lys Gly Thr Leu Val Glu Thr Lys Gly Thr Gly Ala Ser Gly Ser
 20 25 30
 Phe Lys Leu Asn Lys Lys Ala Ala Ser Gly Glu
 35 40

<210> 14

<211> 51

<212> PRT

<213> bovine

<400> 14

Ala Leu Ala Ala Ala Gly Tyr Asp Val Glu Lys Asn Asn Ser Arg
 1 5 10 15
 Ile Lys Leu Gly Leu Lys Ser Leu Val Ser Lys Gly Thr Leu Val
 20 25 30
 Glu Thr Lys Gly Thr Gly Ala Ser Gly Ser Phe Lys Leu Asn Lys
 35 40 45
 Lys Ala Ala Ser Gly Glu
 50

<210> 15

<211> 62

<212> PRT

<213> bovine

<400> 15

Arg Ser Gly Val Ser Leu Ala Ala Leu Lys Lys Ala Leu Ala Ala
 1 5 10 15
 Ala Gly Tyr Asp Val Glu Lys Asn Asn Ser Arg Ile Lys Leu Gly
 20 25 30
 Leu Lys Ser Leu Val Ser Lys Gly Thr Leu Val Glu Thr Lys Gly
 35 40 45
 Thr Gly Ala Ser Gly Ser Phe Lys Leu Asn Lys Lys Ala Ala Ser
 50 55 60

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Gly Glu

<210> 16

<211> 25

<212> PRT

<213> bovine

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Lys Pro Lys Ala Ala Lys Pro Lys Ala Ala Lys Pro Lys Ala Ala
 1 5 10 15
 Lys Pro Lys Lys Ala Lys Pro Lys Lys Lys
 20 25

<210> 17

<211> 35

<212> PRT

<213> bovine or human

<400> 17

Pro Glu Pro Ala Lys Ser Ala Pro Ala Pro Lys Lys Gly Ser Lys
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 Lys Ala Val Thr Lys Ala Gln Lys Lys Asp Gly Lys Lys Arg Lys
 20 25 30
 Arg Ser Glu Lys Glu
 35

<210> 18

<211> 41

<212> PRT

<213> bovine or human

<400> 18

Ser Tyr Ser Val Tyr Val Tyr Lys Val Leu Lys Gln Val His Pro
 1 5 10 15
 Asp Thr Gly Ile Ser Ser Lys Ala Met Gly Ile Met Asn Ser Phe
 20 25 30
 Val Asn Asp Ile Phe Glu Arg Ile Ala Gly Glu
 35 40

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<210> 19

<211> 17

<212> PRT

<213> bovine or human

<400> 19

Ala Ser Arg Leu Ala His Tyr Asn Lys Arg Ser Thr Ile Thr Ser
1 5 10 15

Arg Glu

<210> 20

<211> 12

<212> PRT

<213> bovine or human

<400> 20

Ile Gln Thr Ala Val Arg Leu Leu Leu Pro Gly Glu
1 5 10

<210> 21

<211> 8

<212> PRT

<213> bovine or human

<400> 21

Leu Ala Lys His Ala Val Ser Glu
1 5

<210> 22

<211> 22

<212> PRT

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<400> 22

Gly Thr Lys Ala Val Thr Lys Tyr Thr Ser Ser Lys
1 5 10

3642_Sequence_Listing.txt

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<212> PRT

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<400> 23

Pro Glu Pro Ala Lys Ser Ala Pro Ala Pro Lys Lys Gly Ser Lys
1 5 10 15

Lys Ala Val Thr Lys Ala
20

<210> 24

<211> 8

<212> PRT

<213> bovine or human

<400> 24

Ala Lys Ser Ala Pro Ala Pro Lys
1 5

<210> 25

<211> 22

<212> PRT

<213> bovine or human

<400> 25

Ser Gly Arg Gly Lys Gln Gly Gly Lys Ala Arg Ala Lys Ala Lys
1 5 10 15

Thr Arg Ser Ser Arg Ala Gly
20

<210> 26

<211> 129

<212> PRT

<213> bovine or human

<400> 26

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Ser Gly Arg Gly Lys Gln Gly Gly Lys Ala Arg Ala Lys Ala Lys
 1 5 10 15
 Thr Arg Ser Ser Arg Ala Gly Leu Gln Phe Pro Val Gly Arg Val
 20 25 30
 His Arg Leu Leu Arg Lys Gly Asn Tyr Ala Glu Arg Val Gly Ala
 35 40 45
 Gly Ala Pro Val Tyr Leu Ala Ala Val Leu Glu Tyr Leu Thr Ala
 50 55 60
 Glu Leu Leu Glu Leu Ala Gly Asn Ala Ala Arg Asp Asn Lys Lys
 65 70 75
 Thr Arg Ile Ile Pro Arg His Leu Gln Leu Ala Ile Arg Asn Asp
 80 85 90
 Glu Glu Leu Asn Lys Leu Leu Gly Lys Val Thr Ile Ala Gln Gly
 95 100 105
 Gly Val Leu Pro Asn Ile Gln Ala Val Leu Leu Pro Lys Lys Thr
 110 115 120
 Glu Ser His His Lys Ala Lys Gly Lys
 125

<210> 27

<211> 5

<212> PRT

<213> mammalian

<400> 27

Lys Pro Lys Ala Ala
 1 5

<210> 28

<211> 5

<212> PRT

<213> mammalian

<400> 28

Lys Pro Lys Lys Ala
 1 5

<210> 29

<211> 5

3642_Sequence_Listing.txt

<212> PRT

<213> mammalian

<400> 29

Lys Ala Lys Lys Ala
1 5

<210> 30

<211> 5

<212> PRT

<213> mammalian

<400> 30

, Ala Pro Lys Lys Lys
1 5

<210> 31

<211> 5

<212> PRT

<213> mammalian

<400> 31

Ala Ala Lys Lys Ala
1 5